BOOK

ns		Contents	Refer to Measu
eadth 5	Depth 6	7	8
700			
79			
71			
71			
79			
8			
2			
00			
700			

Job Code: 005-20-000102
Est cost: 55.00 lakhs

M. A. R. 57 (Rule 116)
Measurement Book
No. B

353338

...
...provements from Drains and Asphalting to Roads
of nature of Agency in Kogilu surrounding area in ward
...ent of work No.05 Byatarayanapura Sub Division.

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Work Order: BBMP/EE/BTP/WO/122/20-21 Dt: 30/9/20						
Name of Contractor: M/s shree charan constructions prop- T. S. Kolhambaraju						
(1) Earthwork Excavation by manual means in ordinary soil involving an avg the throw up to 2m + an avg. lift - up to 0.5m exclusive -ly Surface leveled + Sides etc:- Complete						
specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty is as per premeasurement Item No 1						
	@ Rate 132.80/m³					Qty - 1125.32m³ = 149488=00	
(2)	Removing B.C slab of Drain & Stacking complete as per specification & directions etc. complete						
	Qty is as per premeasurement Sheet No 02						
	@ Rate 63.35/m²					Qty 1546.05m² = 97942=00	
(3)	Refixing of stone slabs of drains & pointing in C.M (1:3) complete as per specification						

Material No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
	2
	& directions of
	Qty is as p
(4)	providing of roughly dre fixing cur
	Qty is as p

NT BOOK

mensions			Contents	Measurem
h	Breadth 5	Depth 6	7	8
easurement item no 1				
32.80/m³			qty - 1125.32m³	
			= 149488=00	
& Drain & Stacking				
pecification & directions				
easurement sheet item no 2				
			qty 1546.05 m²	
3.35/m²			= 97942=00	
			2	
abs & drains & pointing				
te as per specification				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353339

No. ..... From ..... To .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	& directions of the Engineer in charge qty is as per measurement sheet item no 3 @ Rate 87.66/m²					qty - 1546.05 m² = 120066=00	
	(4) providing granite slabs of selected quality roughly dressed & fixed in c.m (1:6) including fixing curing etc complete. qty is as per measurement sheet item no 4 @ Rate 641.72/m²					qty - 661.65 m² = 424594=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(5) providing & laying in position P.C.C 1:4:8 with 40 m.m t down size granite metal coarse aggregates & fine aggregates m/c mixes concreate bed in layers not exceeding 15 c.m with well compactes including cost of all materials etc complete Qty is as per premeasurment sheet dated 5213.43/24 @ late Qty - 9.92 m³ = 517 17=0						
	(6) providing & constructing granite/ basalt SSM in foundation with c.m 1:6						

Material No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
	2
	Stone ham high bond courses in curing etc Qty is as p
	(6)
	(7) providing SSM in chiselled

T BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
position P.C.C ⊄			
m t down size			
e aggregate + fine			
s concreate bid			
ssing 15 c.m thick			
uding cost & all			
leate			
asurement sheet item no 5			
3.43/24 Qty - 9.92 m³			
= 5171/2 = n			
ruting granite/			
ndation with c.m 1:6			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 353340

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Stone hammered in courses not less than 15 cm high bond stones at two m apart in each courses including cost & materials labour curing etc complete						
	Qty is as per premeasurement sheet item no 6					Qty - 18.60 m³	
	@ Rate 4696.38/m³					= 87353 = 00	
4	providing & constructing granite/ basalt stone in basement with c.m 1:6 edges of stones shall be dressed in courses not less than 15 cm						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ligh bond stones at two m apart in each course including cost of materials labour curing etc complete qty is as per measurement sheet item 7						
	@ Rate 5602.75/m³					Qty = 13.95 m³	
						= 78158 = 00	
	(8) providing & removing centering shuttering strutting propping etc & removal of formwork for sides & soffits of beams boom haunchings cantilever girders, breastsumers & lintels not exceeding 1m in depth including cost of all						

ate	Full description, etc, of work	
	2	
	materials labo	
	qty is as per	
	@ Rat	
(9)	providing & la	
	with 20mm &	
	metal coars	
	m/c mixes	
	exceeding	
	foundation -	

T BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		two m apart in ding cost & ring etc complete ment- sheet item 7	
75/m³		Qty - 13.95 m³ = 78158 = ₹	
		uing centering propping etc & e for sides & soffits edhinge cantilever lintels not exceeding	
		ding cost & all	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353341

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	materials labour curing etc complete Qty is as per measurement sheet item no 6 @ Rate 298.38/m²					Qty - 36.43 m² = 10870 = ₹	
	(7) providing & laying in position P.C.C & mix 1:3:6 with 20mm & down size graded granite metal coarse aggregates & fine aggregates m/c mixed concrete laid in layers not exceeding 15cm like well compacted in foundation & plinth including cost & allowances						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	etc. Complete Qty is as per measurement Sheet Item no 9 @ Rate 5411.45/m³ Qty - 8.51 m³ = 46166=00						
	(10) providing flush pointing to coursed stone masonry with C.M 1:3 20 m.m deep after raking joints to depth of 20 m.m nicely lining including cost of materials labour curing etc. complete. Qty is as per measurement Sheet Item no 10 @ Rate 215.61/m² Qty - 31.02 m² = 6684.00 5984=00						

M. A.
Me
rial No. .....
me of Work ..... From
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Number
	2	3
	(11) providing & lay M20 with 20 m.m metal coarse ag machine mixes Hide vibrates & plinth retaining materials etc Qty is as per @ Rat	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
h	Breadth 5	Depth 6	7	8
				urement Sheet Item 9
				1.95/m³ Qty - 8.51 m³
				= 46166=00
				ting to course stone
				.3 20 m.m dear after
				plit of 20 m.m nicely
				⁄- of materials labour
				eate.
				urement Sheet Item 10
				m² Qty - 31.02 m²
				= 5984=00

6684.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353342

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(11) providing & laying in position P.C.C of mix M20 with 20 m.m & down size graded granite metal coarse aggregates & fine aggregates machine mixes concrete not exceeding 1cm thick vibrates for all works in foundation plinth retaining walls including cost of all materials etc complete Qty is as per measurement Sheet Item no 11 @ Rate 5782.59/m³				Qty 12.63 m³	= 73034=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(12) providing T.M.T Steel reinforcement for R.C.C work including straightening cutting bending hooking placing lapping / welding wherever required tying with binding wire & arranging to the adjoining members wherever necessary etc. complete Qty is as per premeasurement sheet data no 12 @ Rate 72515.90/Tm Qty 0.90 Tm = 65264=00 (13) providing laying spreading & compacting						

Material No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
	2
	grades graded macadam sp... the materials ... mix plant ... tipper to fi... paver in su... surface & c... Qty is as pe... @

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
ed reinforcement- cluding straightening horing placing wherever reqd ing wire + arranging ebers wherever mpleate				
easurement sheet No 12 1590/ Rate Qty 0.90 Tm = 65264=00				
spreading + Compacting				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 353343

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

Item	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	grades granite stone aggregate to wet mix macadam Specifications including premixing the materials with water at one of mechanical mix plant carriage of mixes method of tipper to site laying in uniform layers with paver on sub base course on well prepared Surface + Compacting etc complete Qty is as per premeasurement sheet No 13 Rate 1929.27/m³					1666.91 Qty - 1164.30 m³ = 225966=00 225/238=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	providing & applying primer coat @ 9.8 to 12.2 kg/10m² for surface of low & medium porosity respectively over prepared surface of granular base with cut back me-70 or any other bitumen mixes with diesel at 10 kg/10m² heated in bitumen boiler fitted with spray including cost & conveyance etc complete as per specification & direction of Engineer in charge. Qty is as per premeasurement Sheet No 14 Qty = 4401.12 m²						
	Rate 74.74/m²						

rial No. .....
me of Work .....
me of Contractor of nature of Agency ...
te of commencement of work .....

ate	Full description, etc, of work
	2
(15)	providing & ((concrete 2 type HMP 2r tonnes/h specifics work binder transporting with hydrost control to

ENT BOOK

imensions			Contents	Referen to las Measure
th	Breadth 5	Depth 6	7	8
			ng primer coat- + 9.8 to 12.2 kg/10m² ow + medium y over prepared dar base with cut- olter bitumen 10 kg/10m² heated tes with spray for materials etc	
			measurement Photo No 14	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 353344

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(15) providing & laying Semi dense bituminous (concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes/hr using crushed aggregates of specified grading premixed with bitumen binder at 4.5 to 5% of mix & filler transporting the hot mix to work site laying with hydrostatic paver finisher with sensor control to level & alignment rolling with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Smooth Wheeled Vibratory + tandem roller to acline ll= desired etc Complete qty is as per measurement sheet Ref no 15						
	③ Late 6198.48/4					qty - 146.62 m	
	(16) Loading + Unloading of stone boulders by manual means etc Complete qty is as per measurement sheet Ref no 16					= 9088.88 = 9088	

ಸಹಾಯಕ ಅಧಿಯಂತರರು
ಪಿ.ಐ.ಯು.ಪಿ ಬ್ಯಾಡರಾಯನಪುರ ಬೆಂಗಳೂರು

29/3/21
ಸಹಾಯಕ ಅಧಿಯಂತರರು
ಪಿ.ಐ.ಯು.ಪಿ ಬ್ಯಾಡರಾಯನಪುರ ಬೆಂಗಳೂರು

Certificate
(1)

Contractor

ENT BOOK

Dimensions			Contents	Reference to last Measurement
...gth	Breadth 5	Depth 6	7	8

Vibratory + tandem
... desired etc.

...easurement
... item no 15
146.62
... qty. 146.62 m³
= 914486=00
908818=00

...ing of stone
...al means etc.
... item no 16

M. A. R. 57 (Rule 116)
Measurement Book

No. B 353345

...ial No. .... From .... To ....
...me of Work ....
...me of Contractor of nature of Agency ....
...e of commencement of work ....

Date	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(2) Rate 58.24/m² · qty - 1125.32 m³						= 65539=00
						459832	460694=00
	Add 12%. GST					364605.48	552833=00
						4954437.48 4954000.00	5159781=00

29/3/21
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ

C/FC
29/3/2021
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

Certificate
(1) It is certified that the above work done satisfactorily.

Contractor

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	① The above Bill Amount is not claims any 7 Previous Bills						

29/3/24
ಸಹಾಯಕ ಅಧೀಕ್ಷಕರು
ಬಿ.ಡಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

29/3/2024
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

rial No. .....
me of Work .....
me of Contractor of nature of Agency .
te of commencement of work .....

ate	Full description, etc, of work
	2
	2 Nos
	29/3/24 ಸಹಾಯಕ ಅಧೀಯಂತರ ಬಿ.ಡಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
				A mour is not Previous Bill

29/3/2024
ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

M. A. R. 57 (Rule 116)
Measurement Book

No. B 353346

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	2.10m	Measure Semi Deep in Longitudinal Road				1.00m	
			Kogilu main Road				
			2.40m		2.40m	Free Left Hand Journey Road	

29/3/2024
ಸಹಾಯಕ ಅಧಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

29/3/2024
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

1st & final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P 3726						
	ಲೆಕ್ಕಪರಿಶೋಧನೆ Zonal public Works Pool ರಡಿ		TTB	4954000			
	ಅಳು ಕೆಲಸಗಾರು ರೂ. 4954000/- ಗಳನ್ನು ಕಾಮು ಮಾಡಿದೆ		It	49540			
	ಇಟ್ಟು ರೂ. 333700/- ಗಳನ್ನು ಪೊಂದಾಣಿಕೆ		CGst	44234			
	ಮಾಡಿರುವರು ರೂ. 4620300/- ಗಳನ್ನು		SGst	44234			
			Cess	49540			
			CBF	4454			
			LR	140588			
			Fine	608			
			Ded	333700			
			Chq	4620300			

PT/NEFT/RTGS ಮುಖೇನ ಸಂದಾಯ

ಮಾಡಿದ ದಿನಾಂಕ 16/4/21

ಸಹಾಯಕ ಇಂಜಿನಿಯರರು

ಸಾರ್ವಜನಿಕ ಇಲಾಖೆ

ಶೃಂಗೇರಿ

ಸಹಾಯಕ ಇಂಜಿನಿಯರರು

ಸಾರ್ವಜನಿಕ ಇಲಾಖೆ

ಶೃಂಗೇರಿ